

# USC-03 Ultrasonic Cleaner

The Fujikura ultrasonic cleaner model USC-03 provides a simple and cost effective method for cleaning optical fibers when high strength fusion splices are required. This ultrasonic cleaner readily accepts all FH-40-XXX, FH-50-XXX, FH-70-XXX and FH-100-XXX series fiber holders. The Universal Fiber Holder Adapter, available as an optional accessory, enables the use of FH-XXX series fiber holders.

The high frequency ultrasonic action cleans debris and coating residue without damaging the exposed cladding and a built-in timer ensures that the required cleaning time is consistently used for all fibers processed. This cleaner, when used in conjunction with high strength stripping and cleaving accessories, produces outstanding results for the most demanding high strength applications.

## Features

- Built-in timer assures correct cleaning time
- Adjustable high intensity vibratory cleaning action
- Adjustment knob allows fine-tuning of fiber submersion depth
- Alcohol bath lid prevents cleaning fluid evaporation when machine is idle

## Specifications

Parameter	Value
Applicable Fibers	Single optical fiber
Applicable Fiber Holders	FH-40, 50, 70 and 100 series
Recommended Fluid	≥99% Ethyl alcohol or Isopropyl alcohol
Tank Capacity	43 - 53 cm <sup>3</sup>
Ultrasonic Frequency	50 kHz
Fiber Cleaning Length	49 mm (max), adjustable
Output Power	3.0 W (max)
Timer Range	1 to 99 seconds
Power Requirement	AC 100 to 240 V / 50 Hz to 60 Hz
Operating Environment	0°C to 40°C, 0 to 95% RH, non-condensing
Storage Environment	-20°C to 60°C, non-condensing humidity
Dimensions (W x D x H)	95 x 190 x 162 (mm) / 3.74 x 7.48 x 6.38 (inches)
Weight	1 kg / 2.2 lbs

## Ordering Information

Description	AFL No.
USC-03	S014783
Universal Fiber Holder Adapter	S013568
ADC-10 Power Adapter	S012548
ACC-09 Power Cord	S014390



Included Accessories